



# HF Happenings



South African Radio League \* Suid-Afrikaanse Radioliga  
Member Society of the International Amateur Radio Union since 1925  
[www.sarl.org.za](http://www.sarl.org.za) [www.iaru.org](http://www.iaru.org) [www.iaru-r1.org](http://www.iaru-r1.org)

No 630

November 2014

## PEARS HF Contest

The PEARs HF Contest takes place on Sunday 9 November starting at 12:00 UTC to 16:00 UTC. It is a phone only contest with activity on 20, 15 and 10 metres. The exchange is your call sign and RS report. You can participate as a Single Operator - base or field station or a multi-operator - base or field station.

Log sheets must be submitted by 24 November 2014 to the Port Elizabeth Amateur Radio Society, PO Box 10402, Linton Grange, Port Elizabeth, 6015 or by e-mail to [contest@peham.co.za](mailto:contest@peham.co.za). Read from page 45 in the SARL Contest Manual

## SARL National Field Day and VHF & UHF Contest - 10:00 UTC 15 November to 10:00 UTC 16 November 2014

Yes, it is almost time for the second leg of the South African Radio League National Field Day and the South African Radio League VHF/UHF contest. Remember, we did this in February.

This can be a GREAT Club activity - get a nice site where you can pitch tents and position the caravans for the weekend. Start on the Friday afternoon setting up camp with the braai for dinner! Saturday morning set-up the station and antennas (after a breakfast of French toast with bacon and ice cream). Saturday afternoon get the braai going while the guys and girls work the world. Maybe a sing-



song around the campfire (muzzle the dogs before they will join in!).

Sunday morning breakfast (scrambled eggs with honey drizzled over) and then work those last stations before starting to dismantle the antennas and the station. Start that potjiekos early so that it is ready by lunch.

After lunch hitch the caravan, search for the kids and take off home (do not forget mother-in-law).

You can even try operating from A2, 3DA or 7P8 (check on that passport!



Go on, make a weekend of it!

## Remembrance Day

At approximately 05:00 GMT on Monday 11 November 1918, 96 years ago, the Armistice was signed in a railway carriage of Marshall Foch's special train located in the forest at Rethondes in France on the western front. At 11:00 on this Monday 11 November 1918, the roar of guns ceased and peace and silence finally descended on the western front, ending the First World War. It is estimated that close to 9,5 million soldiers, sailors and airmen of all sides died in the Great War.

## 3Y/B, Bouvet Island

Mark Demeuleneere, ON4WW, has been granted permission by the Norwegian Polar Institute to land and reside on Bouvet Island during the mid-January until mid-April 2016 period. This will be an amateur radio

DXpedition with the sole purpose of providing worldwide contacts with Bouvet Island, currently ranked #3 on the different DXCC Most Wanted Lists. This will be a 3 month DXpedition carried out by one person with a target to make 100 000 QSOs on CW, SSB and RTTY on all HF bands. (Note: Bouvet will move up to #2 after Navassa has been activated in 2015).

Whether or not this DXpedition will take place depends on the next big hurdle, funding. An interesting Web page has been designed which provides more background information and full details with some great pictures, as well as details on his funding approach at [www.on4ww.be/bouvet2016.html](http://www.on4ww.be/bouvet2016.html). Concerning Bouvet, contact Mark, ON4WW, via the following e-mail address [bouvet2016@telenet.be](mailto:bouvet2016@telenet.be)

### My DX Summit

"DX Summit is modernised for a second time around, and My DX Summit will now go online today [31 October, ed.] for limited dedicated pre-user testing. We will welcome some 200 pre-users who are prepared to try it out and provide immediate feedback to the development team. The aim of this exercise is to serve as the final debug phase and to enhance user experience to maximum satisfaction before tens of thousands suddenly fire their browsers to help them in their future DX hunt. We ask you if you would like to be one of the few to have this experience today. If you say 'yes', please kindly be prepared not only to test but also to provide a timely response. Send a note to [radioarcala@gmail.com](mailto:radioarcala@gmail.com) and we will give you guidance to get started."

### Navassa Island 2015

The new website for the K1N DXpedition to Navassa Island is up and running at [www.navassadx.com](http://www.navassadx.com), and will be updated often as more information becomes available. "We should have specific dates shortly," it was published on 29 October, "but the team has cleared their schedules to be available for the two week operation starting in late January 2015". Fundraising has begun; see the website for detailed information on how to donate.

### November

1 – RTA in Cape Town; RaDAR Contest; Winterton Street Festival  
 1 and 2 – Cape Town International Kite Festival  
 5 to 8 – Delmas Christmas Market  
 9 – Remembrance Sunday; PEARS HF Contest  
 11 – Armistice Day/Remembrance Day  
 15 and 16 – SARL National Field Day; SARL VHF/UHF Contest  
 20 to 22 – Cherry Festival and Cherry 23 km Race, Ficksburg  
 29 – Sappi BirdLife Birding Big Day  
 29 and 30 – CQ WW DX CW Contest

### December

3 – Day of Persons with Disabilities  
 6 – SARL Digital Contest  
 10 – Schools close  
 12 to 23 – 2014 Senior Scout Adventure, Cedarberg  
 13 and 14 – ARRL 10 Metre Contest  
 16 – Day of Reconciliation  
 24 – Christmas Eve  
 25 – Christmas Day  
 26 – Family Day  
 27 and 28 – Iron Ham Contest  
 31 – 2014 CQ Marathon ends; Old Year's Eve

### African Islands

IOTA frequencies

CW: 28 040 24 920 21 040  
 18 098 14 040 10 114 7 030

3 530 kHz

SSB: 28 560 28 460 24 950 21 260 18 128 14 260 7 055 3 760 kHz



### African DX

The Gambia, C5. A group of UK DXers will operate as C5X from Ocean Villa Heights Lodge, on the coast at Brufut, southwest of Banjul, The Gambia, (not the old "MW Radio Syd" site as first announced) between 15 and 25 January 2015. Mark, MODXR, had to drop out of the C5X team, but the group has added Don, G3XTT. Operators now are Steve, G3VMW, Alan, G3XAQ, Don, G3XTT, and Iain, MOPCB. Activity will be on 160 to 10 metres using CW,



SSB, RTTY and some PSK. The group also plans to do some activity in the CQ WW 160 m Contest. They will have two stations with Elecraft K3 radios with KPA-500 amplifiers using two Spiderbeams for HF, 160/80 m verticals on an 18 m Spiderpole and dipoles/verticals for 40/30 m.

The QSL Manager is Charles, M0OXO. QSL via his OQRS [www.m0oxo.com/oqrs](http://www.m0oxo.com/oqrs), direct or by the Bureau. Logs will be uploaded daily to ClubLog and LoTW.

Morocco, CN. Roman, RV3MA, has been active as CN2MA from Morocco since sometime in October and will be active until 1 December. He built the CN2AA contest station near Rabat to participate in both CQ WW DX SSB and CW Contests. QSL both call signs via UA2FM. The CN2AA station can be seen on Roman's Facebook page at <http://www.facebook.com/roman.levichev.9>



## Portable Power

Portable power is often a challenge for casual or contest operating but how about your own personal portable wind turbine? Omni3D <http://omni3d.com/en/> is a Polish company that specialises in 3D printing and manufacturing - they have created the AirEnergy 3D turbine capable of generating up to 300 watts of power. Funded as a Kickstarter program <http://www.kickstarter.com/>, the turbine is designed as a kit and capable of being transported in a backpack.

## Word to the Wise

**Off time** - Some contests include a strategic element of *not* allowing full-time op-

eration. You have to choose when to "go dark" and that makes a lot of difference in the final score. There is no frustration like that of running out of operating time and having to listen to the contest going on while you are unable to transmit! Know the rules and plan ahead.

## CQ WW DX Contest

Only 24 hours after the contest, the CQ World Wide committee was reporting on their Facebook page that they had received 4 317 logs <https://www.facebook.com/cqwwdx>.

By the log submission deadline, 7 445 logs had been received! If you ever wonder why it gets slow at the end, by 23:59 UTC on Sunday of the contest, CQ WW Director, Randy K5ZD reports they already had 981 logs submitted.

## CQ WW DX Records

N2NC and his talented typists have been at it again. The CQ WW DX Contest online score database now includes all entries from 1961 to 2013

[http://www.cqww.com/score\\_db.htm](http://www.cqww.com/score_db.htm).

There are 164 905 entries in the SSB database and 160 292 in the CW table. It is somewhat hard to imagine that CQ WW 1961 had only 578 entries for SSB and 1 130 for CW! How times have changed.

Check out the log entries by year at <http://www.cqww.com/stats.htm>. The all-time records are generated from the database.

See all the category records at <http://www.cqww.com/records.htm> by world, continent and country, as well as zone records at <http://www.cqww.com/recordsbyzone.htm>.

## Contest Calendar

This week's contests compiled by Bruce Horn, WA7BNM. The period covered is 3 to 10 November 2014

## CWops Mini-CWT Test

13:00 - 14:00 UTC, 19:00 - 20:00 UTC 5 November and 03:00 - 04:00 UTC 6 November

Mode: CW

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Op - QRP, low or high  
 Max power: HP: >100 watts; LP: 100 watts;  
 QRP: 5 watts  
 Exchange: Member: Name and member no;  
 non-Member: Name and state, province and  
 country  
 Work stations: Once per band  
 QSO Points: 1 point per QSO  
 Multipliers: Each call once  
 Score Calculation: Total score = total QSO  
 points x total mults  
 Submit logs by: 04:00 UTC 8 November 2014  
 Post log summary at:  
<http://www.hornucopia.com/3830score/>  
 Mail logs to: (none)  
 Find rules at: <http://www.cwops.org/cwt.html>

NRAU 10 m Activity Contest  
 18:00 - 19:00 UTC (CW), 19:00 - 20:00 UTC  
 (SSB), 20:00 - 21:00 UTC (FM) and 21:00 -  
 22:00 UTC (Dig) 6 November  
 Mode: CW, SSB, FM, Digital  
 Bands: 10 m Only  
 Classes: (none)  
 Exchange: RS(T) and 6-character grid square  
 QSO Points: (see rules)  
 Multipliers: (none)  
 Score Calculation: Total score = total QSO  
 points  
 Submit logs by: 20 November 2014  
 Upload log at:  
[http://ua9qcq.com/en/submit\\_log.php?lang=en](http://ua9qcq.com/en/submit_log.php?lang=en)  
 Mail logs to: (none)  
 Find rules at: <http://www.nrau.net/activity-contests/below-30mhz.html>

NCCC RTTY Sprint  
 01:45 - 02:15 UTC 7 November  
 Mode: RTTY  
 Bands: (see rules)  
 Classes: (none)  
 Exchange: (see rules)  
 Score Calculation: Total score = total QSO  
 points x total mults  
 Submit logs by: 9 November 2014  
 E-mail logs to: (none)  
 Post log summary at:  
<http://www.3830scores.com/>  
 Mail logs to: (none)  
 Find rules at:

<http://www.ncccsprint.com/rttyns.html>

WAE DX RTTY Contest  
 00:00 UTC 8 November to 23:59 UTC 9 No-  
 vember  
 Mode: RTTY  
 Bands: 80, 40, 20, 15, 10 m  
 Classes: Single Op - high or low; Multi-Op;  
 SWL  
 Max operating hours: Single Op: 36 hours, off  
 times of at least 60 minutes; Multi-Single: 48  
 hours  
 Max power: HP: >100 Watts; LP: 100 Watts  
 Exchange: RS and serial no  
 Work stations: Once per band  
 Score Calculation: (see rules)  
 Submit logs by: 24 November 2014  
 E-mail logs to: [waertty@dxhf.darc.de](mailto:waertty@dxhf.darc.de)  
 Mail logs to: (none)  
 Find rules at:  
<http://www.darc.de/referate/dx/contest/waedc/en/rules/>

10-10 International Fall Digital Contest  
 00:01 UTC 8 November to 23:59 UTC 9 No-  
 vember  
 Mode: Digital  
 Bands: 10 m Only  
 Classes: Individual; Club; QRP  
 Max power: non-QRP: >5 watts; QRP: 5 watts  
 Exchange: 10-10 Member: Name, 10-10 number  
 and state, province or country; Non-Member:  
 Name, 0 and state, province or country  
 QSO Points: 1 point per QSO with a non-  
 member; 2 points per QSO with a 10-10 mem-  
 ber  
 Multipliers: (none)  
 Score Calculation: Total score = total QSO  
 points  
 Submit logs by: 24 November 2014  
 E-mail logs to: [tentencontest@ten-ten.org](mailto:tentencontest@ten-ten.org)  
 Mail logs to: Dan Morris, KZ3T, 3162 Coving-  
 ton Way, Lenoir, NC 28645, USA  
 Find rules at:  
<http://www.ten-ten.org/index.php/activity/2013-07-22-20-26-48/qso-party-rules>

JIDX Phone Contest

07:00 UTC 8 November to 13:00 UTC 9 November

Mode: SSB

Bands: 80, 40, 20, 15, 10 m

Classes: Single Op All Band - low or high; Single Op Single Band - low or high; Multi-Single; Maritime Mobile

Max power: HP: >100 W; LP: 100 W

Exchange: JA: RST and prefecture no; non-JA: RST and CQ Zone no

Work stations: Once per band

QSO Points: 2 points per JA - DX QSO on 80 m; 1 points per JA - DX QSO on 40, 20, 15 m  
2 points per JA - DX QSO on 10 m

Multipliers: JA Stations: DXCC countries and CQ zones once per band; non-JA Stations: JA prefectures plus JD1/O, JD1/MT, JD1/OT once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 10 December 2014

E-mail logs to: [ph@jidx.org](mailto:ph@jidx.org)

Mail logs to: JIDX Phone Contest, c/o Five-Nine Magazine, PO Box 59, Kamata, Tokyo 144-8691, Japan

Find rules at:

<http://www.jidx.org/jidxrule-e.html>

OK/OM DX CW Contest

12:00 UTC 8 November to 12:00 UTC 9 November

Mode: CW

Bands: 160, 80, 40, 20, 15, 10 m

Classes: Single Op All Band - QRP, low or high; Single Op Single Band - low or high; Multi-Single; SWL

Max power: HP: 1 500 watts; LP: 100 watts; QRP: 5 watts

Exchange: OK/OM: RST and 3-letter district code; non-OK/OM: RST and serial no

Work stations: Once per band

QSO Points: OK/OM-Station: 1 point per QSO with EU station; OK/OM-Station: 3 points per QSO with DX station; EU-Station: 1 point per QSO with OK/OM station; DX-Station: 3 points per QSO with OK/OM station

Multipliers: OK/OM-Station: each prefix once per band; non-OK/OM-Station: each OK/OM district once per band

Score Calculation: Total score = total QSO points x total mults

Submit logs by: 23 November 2014

Upload log at:

<http://okomdx.crk.cz/index.php?page=send-log>

Mail logs to: OK-OM DX Contest, CRK, PO Box 69, 113 27 Praha 1, Czech Republic

Find rules at:

<http://okomdx.crk.cz/index.php?page=english>

SKCC Weekend Sprintathon

12:00 UTC 8 November to 24:00 UTC 9 November

Mode: CW

Bands: 160, 80, 40, 20, 15, 10, 6 m

Classes: (none)

Max operating hours: 24

Exchange: RST, state, province or country, name and SKCC no or "NONE"

Work stations: Once per band

QSO Points: 1 point per QSO

Bonus Points: (see rules)

Multipliers: Each state, province or country once

Score Calculation: Total score = (total QSO points x total mults) and bonus points

Submit logs by: 16 November 2014

Post log summary at:

<http://wes.m0trn.com/submission.php>

Mail logs to: (none)

Find rules at:

[http://www.skccgroup.com/operating\\_activities/weekend\\_sprintathon/](http://www.skccgroup.com/operating_activities/weekend_sprintathon/)

Kentucky QSO Party

14:00 UTC 8 November to 02:00 UTC 9 November

Mode: CW, SSB, Digital

Bands: 160, 80, 40, 20, 15, 10, 6 m

Classes: KY Fixed - CW, phone, digital or mixed; KY Fixed Multi-Single; KY Rover - CW, phone or mixed; Out of State

Exchange: KY: RS(T) and county; non-KY: RS(T) and state, province and country

Work stations: Once per band per mode per county

QSO Points: 1 point per SSB QSO; 2 points per CW QSO; 2 points per Digital QSO

Bonus Points: 500 points for at least one QSO with KY4DXA; 1 000 points for each county activated beyond home county (minimum 10 QSOs/county)

Multipliers: KY Stations: Each KY county, state, province, DXCC entity once; non-KY Stations: Each KY county once

Score Calculation: Total score = (total QSO points x total mults) and bonus points

Submit logs by: 31 December 2014

E-mail logs to: [k4cms@aol.com](mailto:k4cms@aol.com)

Mail logs to: Larry R. Smith, K4CMS, 623 Shady Lane, Alvaton, KY 42122, USA

Find rules at:

[http://www.wkdx.com/mainsite/index.php?option=com\\_content&view=article&id=45:wkdx&catid=1:latest-news&Itemid=63](http://www.wkdx.com/mainsite/index.php?option=com_content&view=article&id=45:wkdx&catid=1:latest-news&Itemid=63)

#### CQ-WE Contest

19:00 - 23:00 UTC 8 November (CW/Digital), 01:00 - 05:00 UTC 9 November (Phone), 19:00 - 23:00 UTC 9 November (Phone) and 01:00 - 05:00 UTC 10 November (CW/Digital)

Mode: CW, Phone, Digital

Bands: 160, 80, 40, 20, 15, 10, 6, 2, 432 MHz

Classes: Single Op

Exchange: Name, location code (see rules) and years of service (see rules)

Work stations: Once per band per mode

QSO Points: Points equal to years of service received in exchange for each QSO

Multipliers: Each location code once per mode

Score Calculation: Total score = sum of (total QSO points x total mults) for each mode

Submit logs by: 1 December 2014

E-mail logs to: (see rules)

Mail logs to: (see rules)

Find rules at: <http://cqwe.cboh.org/rules.html>

#### EANET Sprint

08:00 - 12:00 UTC 9 November

Mode: Any

Bands: Any

Classes: Individual - Spain or Non-Spain; Club - Spain or Non-Spain - member or friend

Exchange: RS(T)

Work stations: Once

QSO Points: 1 point per QSO with an individual; 3 points per QSO with a friend radio club; 5 points per QSO with a member radio club

Multipliers: Each ISO 3166-1 country once; each continent once

Score Calculation: Total score = total QSO points x total countries x total continents

Submit logs by: 23 November 2014

E-mail logs to: [eanet-sprint@fediea.org](mailto:eanet-sprint@fediea.org)

Mail logs to: (none)

Find rules at:

<http://www.fediea.org/news/?news=20141109>

### Next Week's Contests

QRP Fox Hunt, 02:00 - 03:30 UTC 12 November

CWops Mini-CWT Test, 13:00 - 14:00 UTC 12 November, 19:00 - 20:00 UTC 12 November, 03:00 - 04:00 UTC 13 November

RSGB 80 m Club Sprint, SSB, 20:00 - 21:00 UTC 12 November

NCCC RTTY Sprint, 01:45 - 02:15 UTC 14 November

QRP Fox Hunt, 02:00 - 03:30 UTC 14 November

SARL National Field Day, 10:00 UTC 15 November to 10:00 UTC 16 November

SARL VHF/UHF Contest, 10:00 UTC 15 November to 10:00 UTC 16 November

All Austrian 160 Metre Contest, 16:00 UTC 15 November to 07:00 UTC 16 November

Feld Hell Sprint, 16:00 - 18:00 UTC 15 November

ARRL Sweepstakes SSB Contest, 21:00 UTC 15 November to 03:00 UTC 17 November

NA Collegiate ARC SSB Championship, 21:00 UTC 15 November to 03:00 UTC 17 November

RSGB 2nd 1.8 MHz CW Contest, 21:00 UTC 15 November to 01:00 UTC 16 November

Homebrew and Old-time Equipment Party, 1300 - 15:00 UTC 16 November (40 m)

15:00 - 17:00 UTC 16 November (80 m)

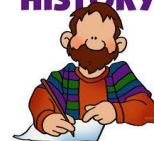
Run for the Bacon QRP Contest, 02:00 - 04:00 UTC 17 November

### History this Week

Week starting 3 November 2014

1631 - Pierre Gassendi observes the transit of Mercury as predicted by Kepler

### HISTORY





1804 - The first US patent for a separable electric attachment plug was issued to Harvey Hubbell of Bridgeport, Connecticut

1862 - The Gatling gun is patented by Richard J Gatling

1862 - The New York to San Francisco direct telegraphic link was established

1895 - The first US patent was granted for an automobile to George B Selden

1895 - Wilhelm Röntgen first observed X-rays during an experiment at Würzburg University, Germany

1906 - "SOS" adopted as the international distress signal at the International Wireless Telegraph Convention in Berlin

### 1<sup>st</sup> Russian WW MultiMode Contest

Dear Fellow Radio Amateurs,

The Russian Digital Radio Club has the honour to invite the radio amateurs all over the world to participate in the 1<sup>st</sup> Russian WW MultiMode Contest 2014. The objective of the contest is to establish as many contacts as possible between radio amateurs around the world and radio amateurs in Russia.

We invite all fans of all modes to take part in contest from 12.00 UTC on Saturday 15 November until 11:59 UTC on Sunday 16 November 2014. Types of modulation: BPSK63, CW, RTTY, SSB. Repeated contacts are permitted on different bands and different modes providing that a contact will be made not earlier than in 3 minutes. The output power should not exceed 10 watts on 160 metres and 100 watts on other bands. The operator may change the bands no more than 10 times within calendar hour (with zero on 59<sup>th</sup> minute of each hour). Only one transmitted signal is permitted at any time. Bands: 160, 80, 40, 20, 15 and 10 m.

Prizes and certificates in all categories:

SOAB - BPSK63-CW-RTTY-SSB

SOAB - BPSK63-CW-RTTY

SOAB - BPSK63-CW-SSB

SOAB - BPSK63-RTTY-SSB

SOAB - CW-RTTY-SSB

SOAB - BPSK63-CW

SOAB - BPSK63-RTTY

SOAB - BPSK63-SSB

SOAB - BPSK63-SSB

SOAB - RTTY-SSB

SOAB - CW-RTTY

SOAB - CW-SSB

MOAB - BPSK63-CW-RTTY-SSB

For more information, please visit the Russian WW MultiMode Contest 2014 Rules at

<http://www.rdrclub.ru/russian-ww-multimode-contest/159-rus-ww-multimode-contest>. All

logs must be sent by 23:59 UTC on 30 November 2014. You must upload your log to

[http://ua9qcq.com/en/submit\\_log.php?lang=en](http://ua9qcq.com/en/submit_log.php?lang=en)

73! de Russian Digital Radio Club



*Items used with acknowledgement to The ARRL Letter, Amateur Radio Newslines, OPDX Bulletin, 425 DX Bulletin, DXNL DX Newsletter, ARRL DX News, WIA-News, the RSGB News, Southgate ARC News, DxCoffee and the Islands, Castles & Portable Operations Bulletin*

*Your comments, suggestions and news items are welcome. If you have some DX news, contest news or something of interest, send it to [zs4bs@netactive.co.za](mailto:zs4bs@netactive.co.za)*